

Interconnected Fabric Module

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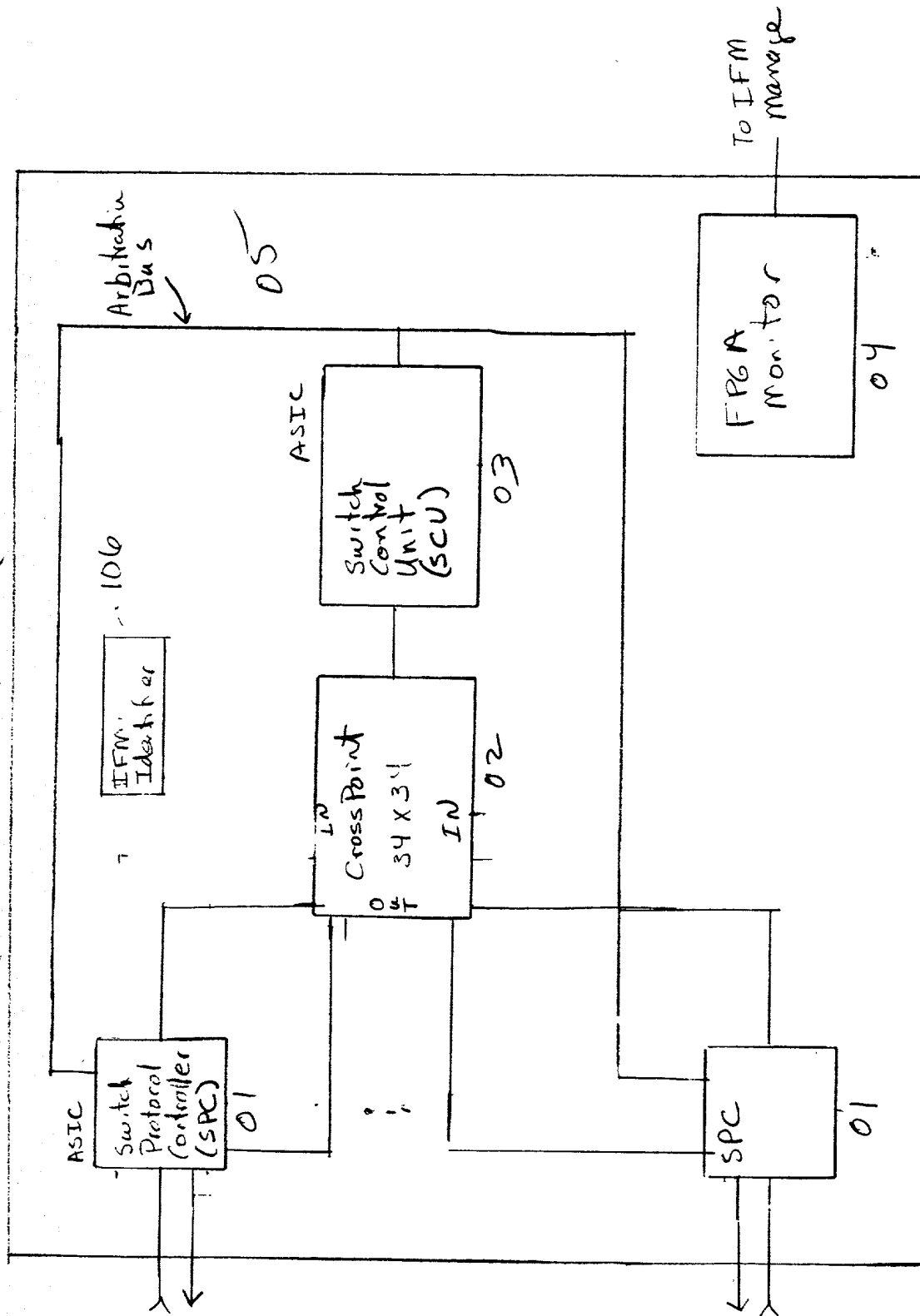


Fig 1

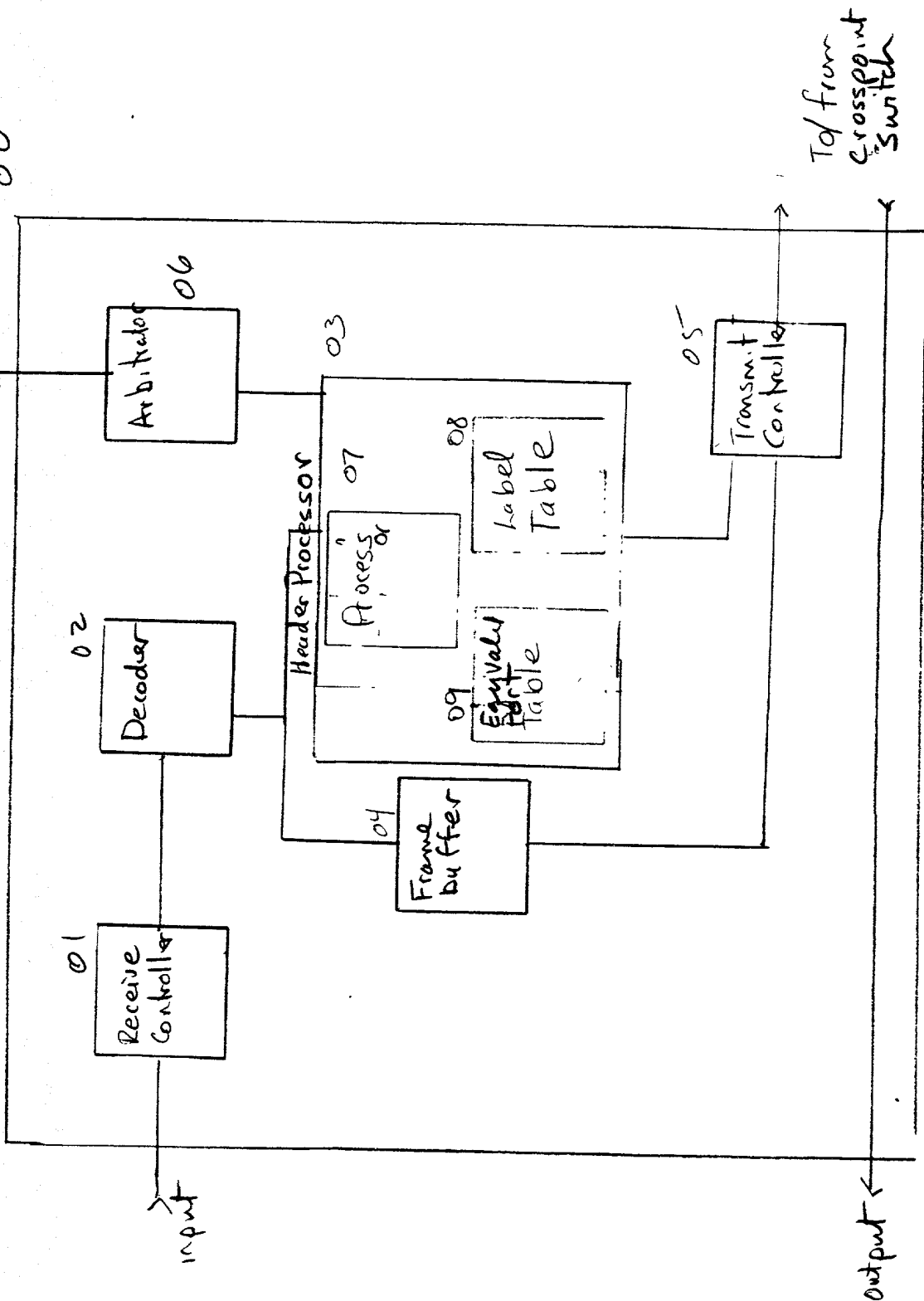


Fig 2

Label Table

Port# 31 30 29 28 27 26 25 24 23 22 21 20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1 0

Virtual Address

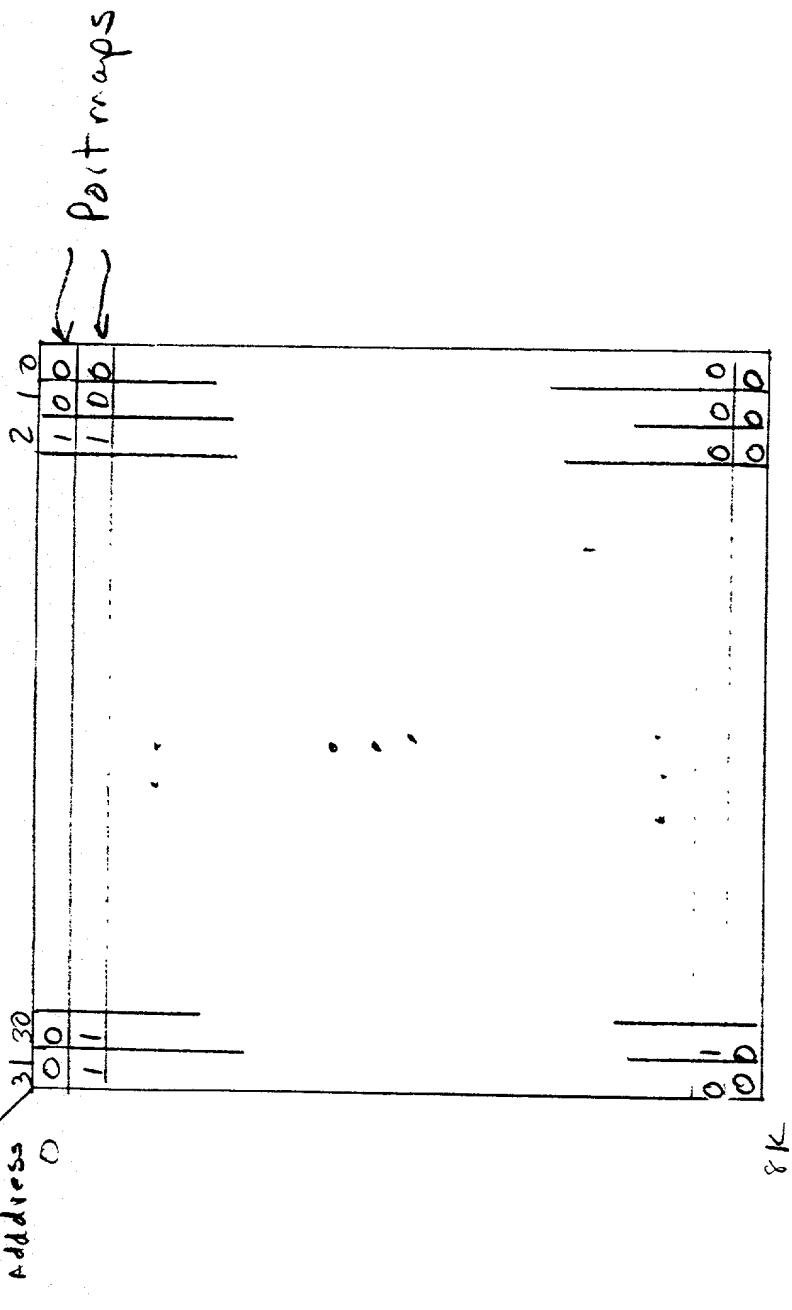
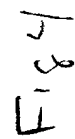


Fig 3

[illegible]

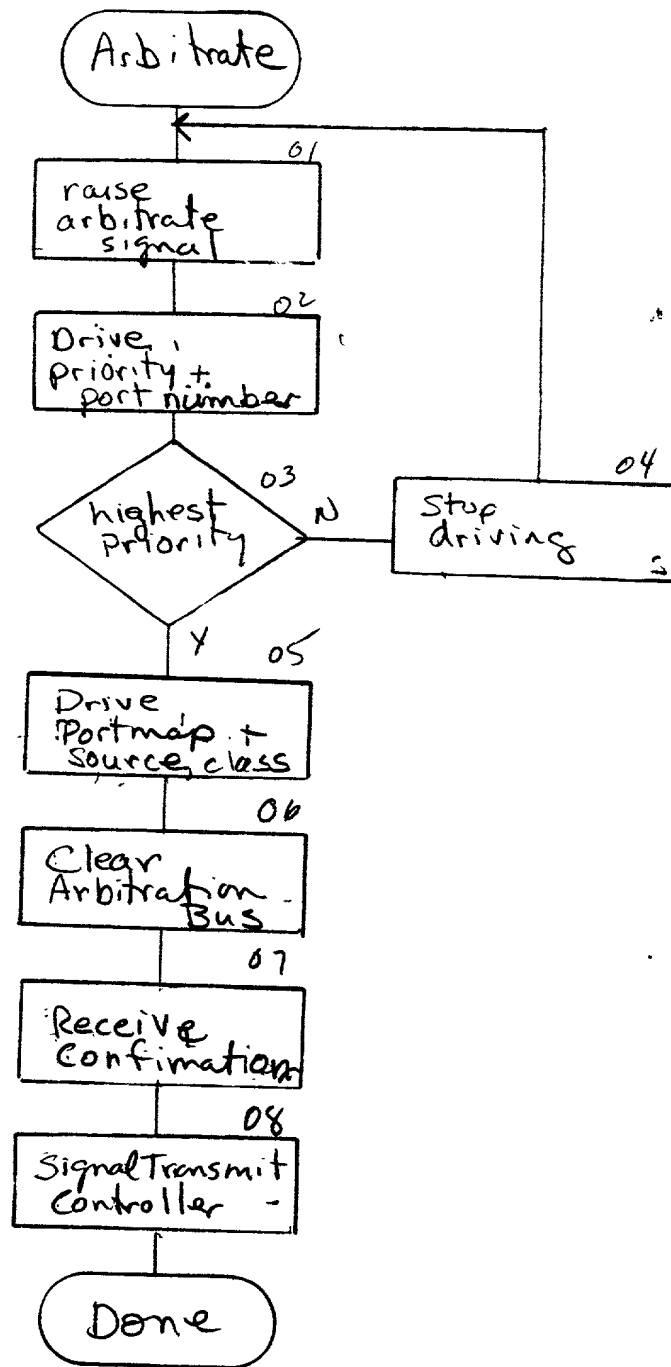


Fig 5

Transmission Controller

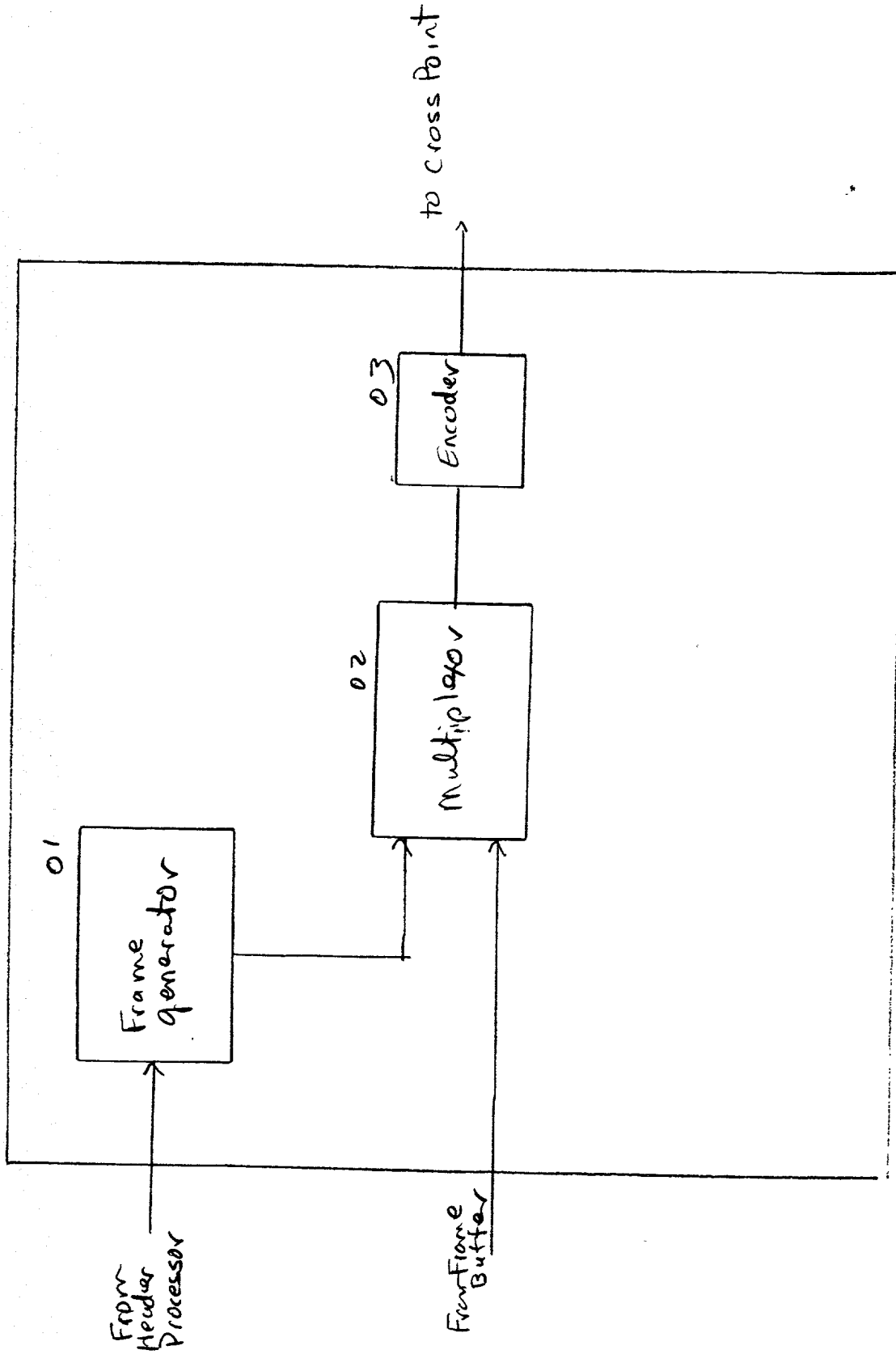


Fig 4

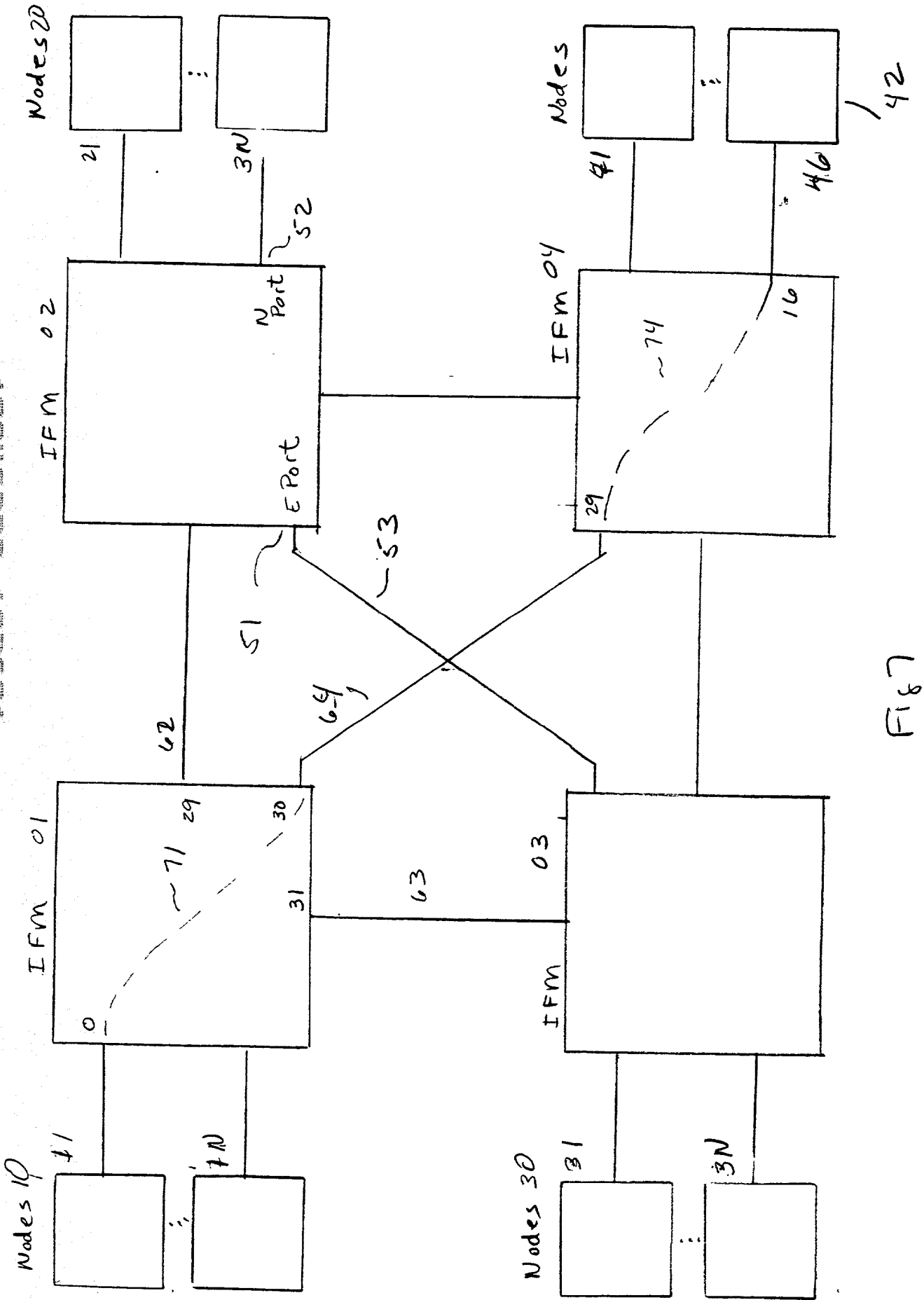


Fig 7

Source: *Handwritten text, mostly illegible.*

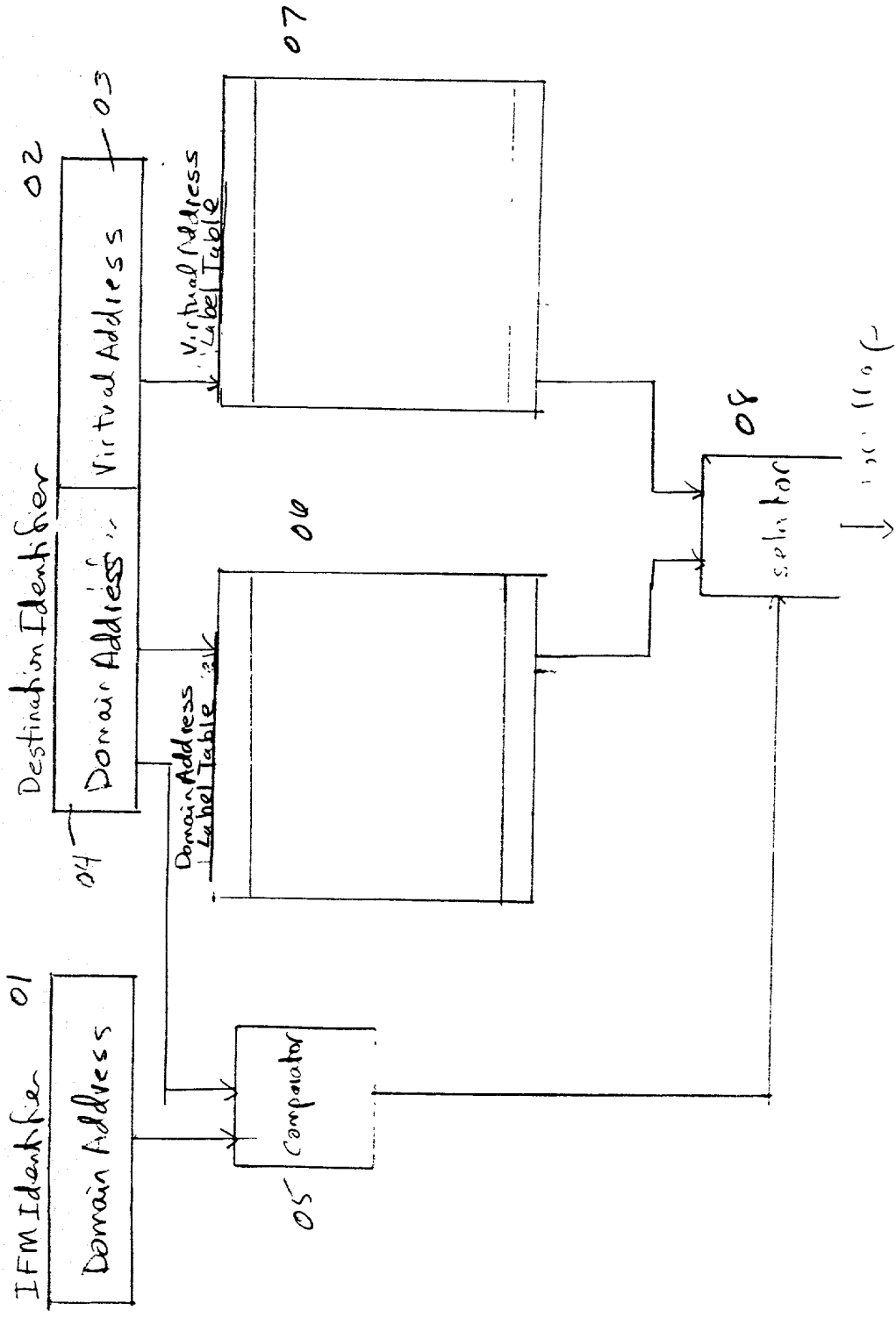


Fig. 8

Quad Switch Protocol Controller

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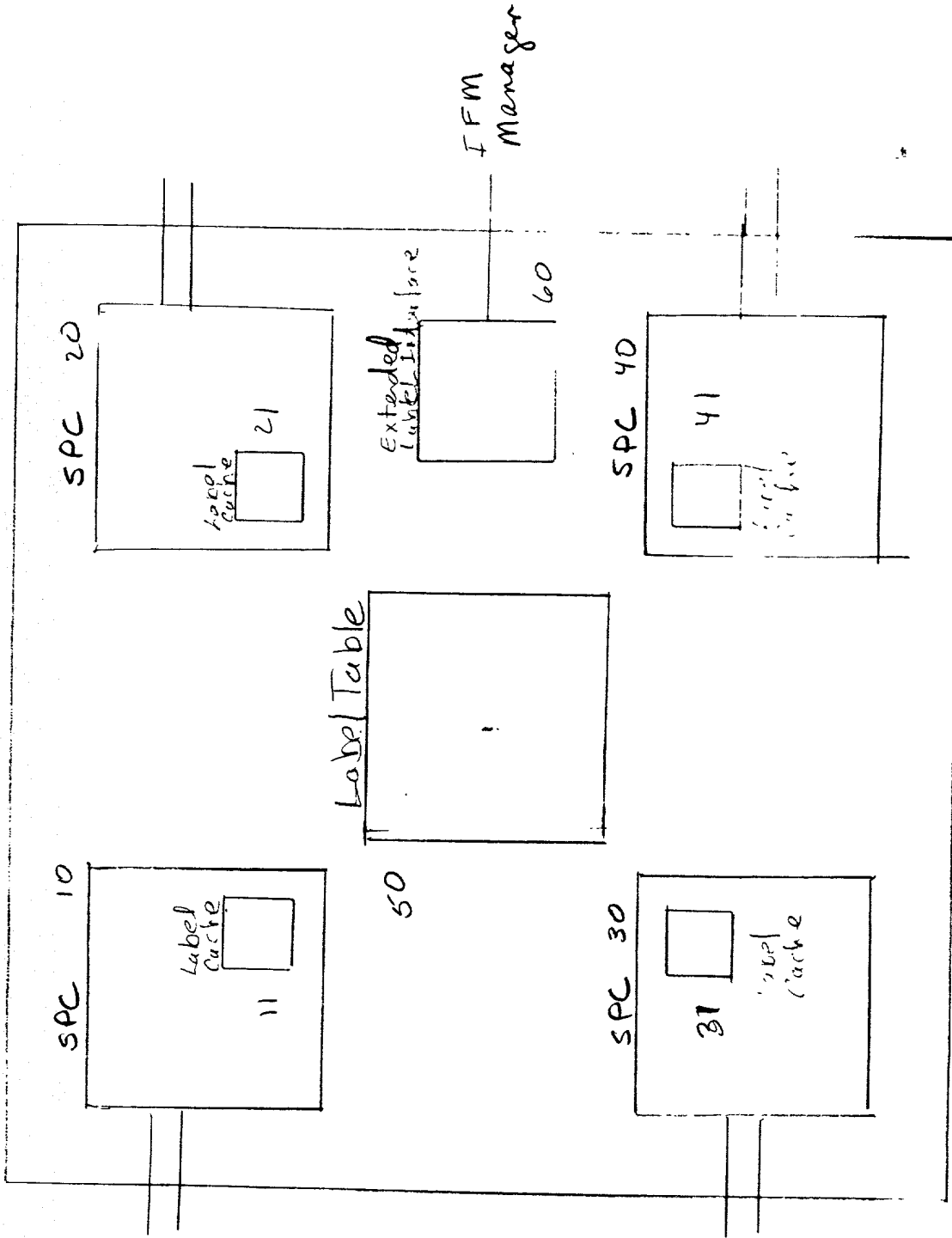


Fig 9

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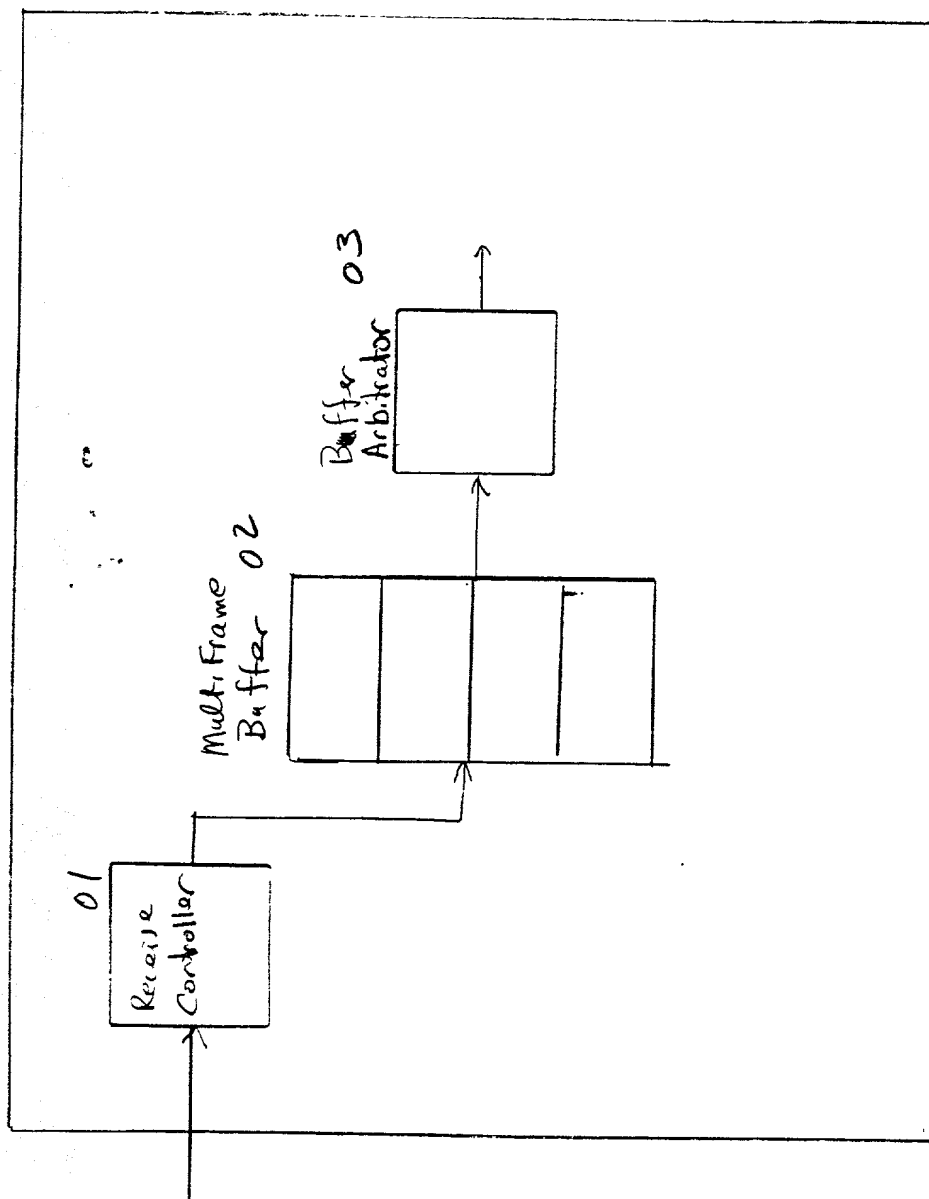


Fig 10

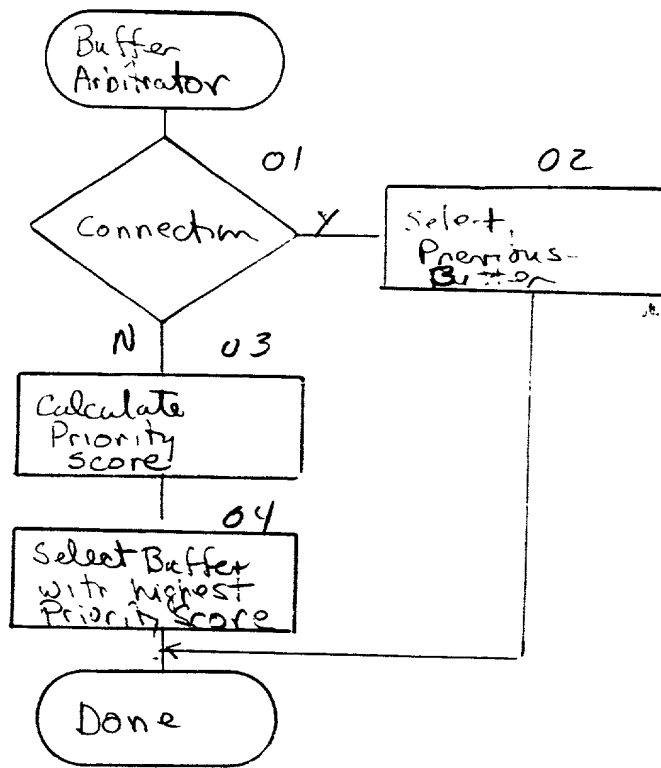


Fig 11

1. The system is a multi-processor system. 2. The system is a multi-processor system. 3. The system is a multi-processor system. 4. The system is a multi-processor system. 5. The system is a multi-processor system. 6. The system is a multi-processor system. 7. The system is a multi-processor system. 8. The system is a multi-processor system. 9. The system is a multi-processor system. 10. The system is a multi-processor system. 11. The system is a multi-processor system. 12. The system is a multi-processor system. 13. The system is a multi-processor system. 14. The system is a multi-processor system. 15. The system is a multi-processor system. 16. The system is a multi-processor system. 17. The system is a multi-processor system. 18. The system is a multi-processor system. 19. The system is a multi-processor system. 20. The system is a multi-processor system. 21. The system is a multi-processor system. 22. The system is a multi-processor system. 23. The system is a multi-processor system. 24. The system is a multi-processor system. 25. The system is a multi-processor system. 26. The system is a multi-processor system. 27. The system is a multi-processor system. 28. The system is a multi-processor system. 29. The system is a multi-processor system. 30. The system is a multi-processor system. 31. The system is a multi-processor system. 32. The system is a multi-processor system. 33. The system is a multi-processor system. 34. The system is a multi-processor system. 35. The system is a multi-processor system. 36. The system is a multi-processor system. 37. The system is a multi-processor system. 38. The system is a multi-processor system. 39. The system is a multi-processor system. 40. The system is a multi-processor system. 41. The system is a multi-processor system. 42. The system is a multi-processor system. 43. The system is a multi-processor system. 44. The system is a multi-processor system. 45. The system is a multi-processor system. 46. The system is a multi-processor system. 47. The system is a multi-processor system. 48. The system is a multi-processor system. 49. The system is a multi-processor system. 50. The system is a multi-processor system. 51. The system is a multi-processor system. 52. The system is a multi-processor system. 53. The system is a multi-processor system. 54. The system is a multi-processor system. 55. The system is a multi-processor system. 56. The system is a multi-processor system. 57. The system is a multi-processor system. 58. The system is a multi-processor system. 59. The system is a multi-processor system. 60. The system is a multi-processor system. 61. The system is a multi-processor system. 62. The system is a multi-processor system. 63. The system is a multi-processor system. 64. The system is a multi-processor system. 65. The system is a multi-processor system. 66. The system is a multi-processor system. 67. The system is a multi-processor system. 68. The system is a multi-processor system. 69. The system is a multi-processor system. 70. The system is a multi-processor system. 71. The system is a multi-processor system. 72. The system is a multi-processor system. 73. The system is a multi-processor system. 74. The system is a multi-processor system. 75. The system is a multi-processor system. 76. The system is a multi-processor system. 77. The system is a multi-processor system. 78. The system is a multi-processor system. 79. The system is a multi-processor system. 80. The system is a multi-processor system. 81. The system is a multi-processor system. 82. The system is a multi-processor system. 83. The system is a multi-processor system. 84. The system is a multi-processor system. 85. The system is a multi-processor system. 86. The system is a multi-processor system. 87. The system is a multi-processor system. 88. The system is a multi-processor system. 89. The system is a multi-processor system. 90. The system is a multi-processor system. 91. The system is a multi-processor system. 92. The system is a multi-processor system. 93. The system is a multi-processor system. 94. The system is a multi-processor system. 95. The system is a multi-processor system. 96. The system is a multi-processor system. 97. The system is a multi-processor system. 98. The system is a multi-processor system. 99. The system is a multi-processor system. 100. The system is a multi-processor system.

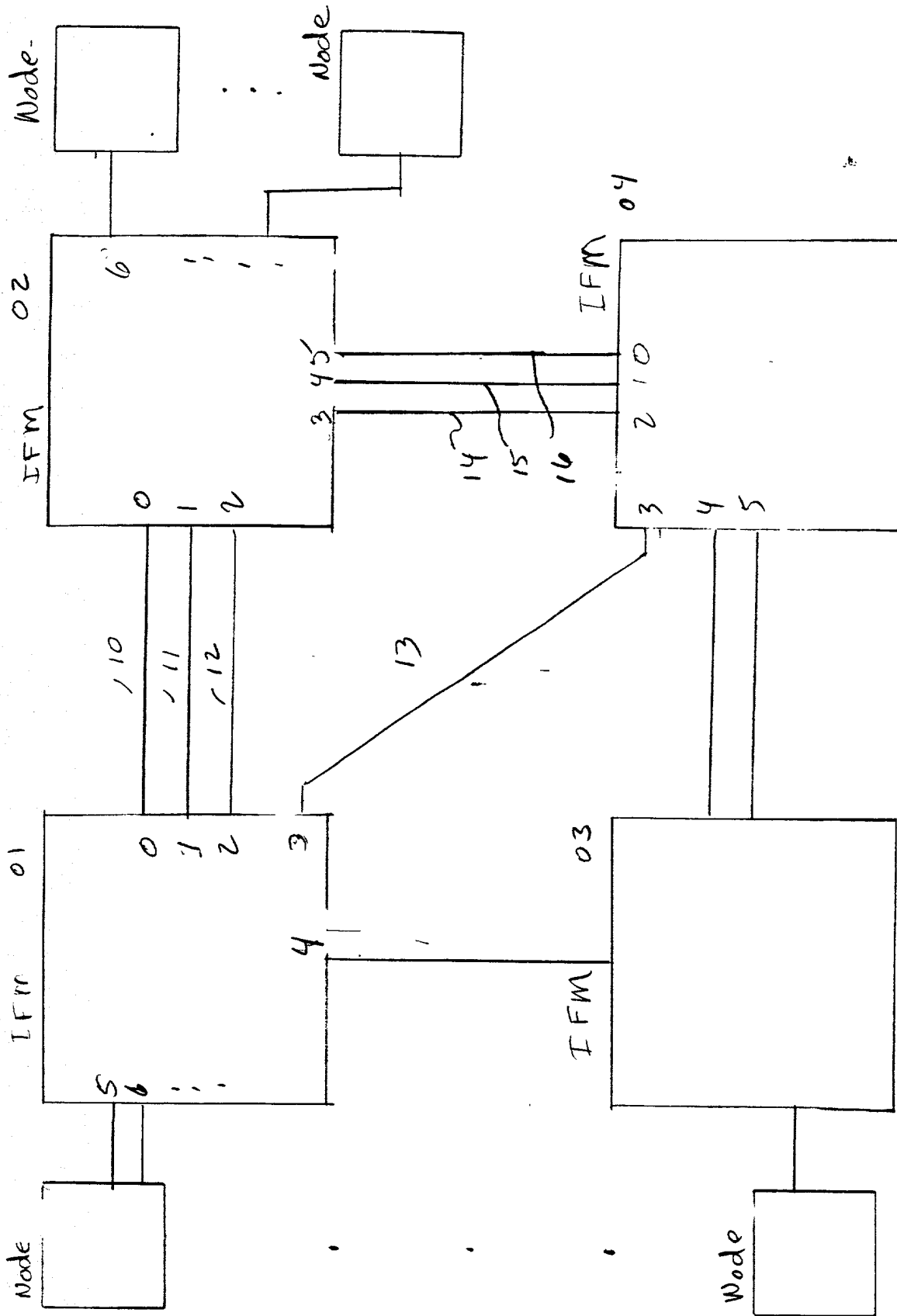


Fig 12

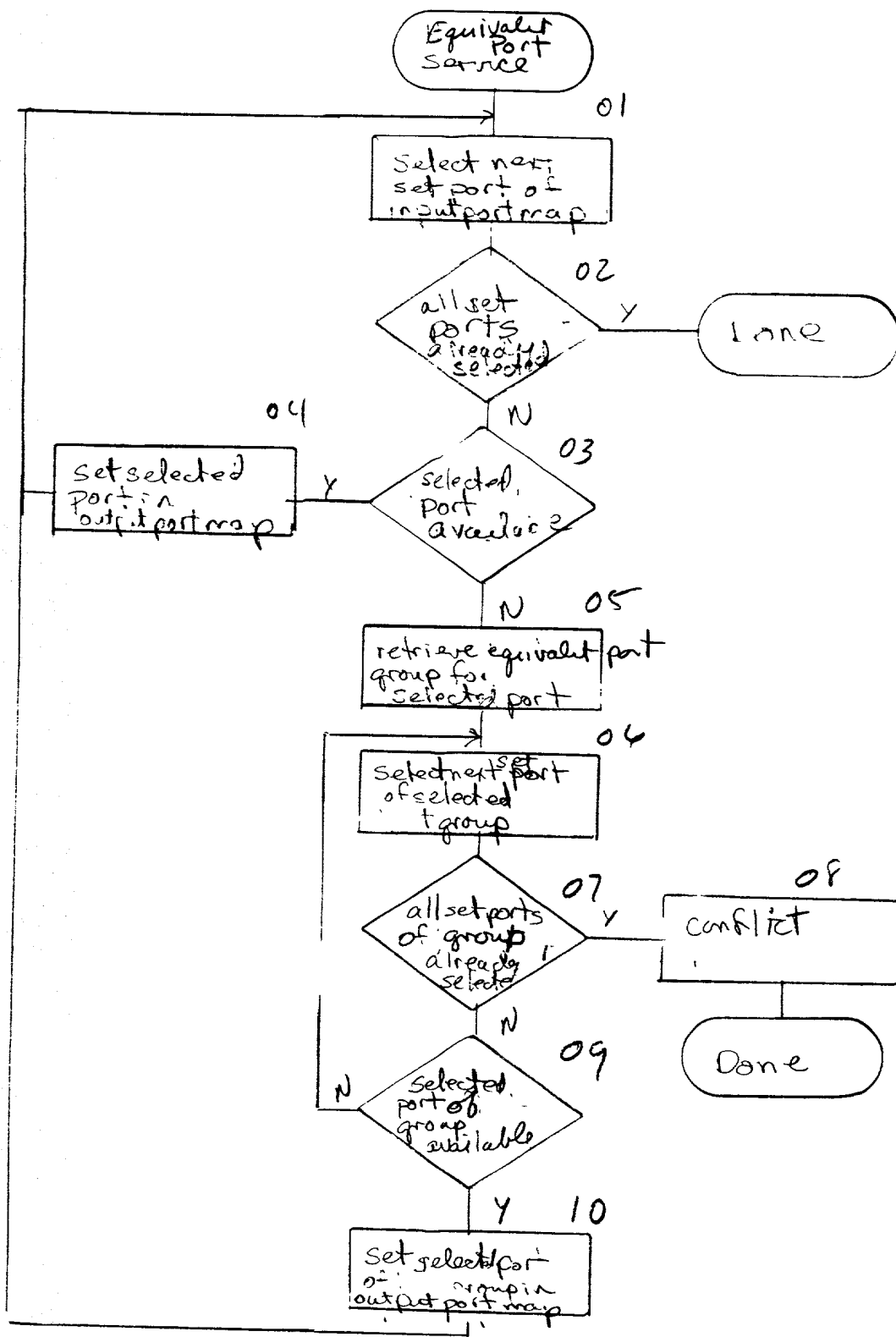


Fig 14

Header Processor

Destination Identifier

01

any SPK

Virtual Address

03

Comparator

enable port 32

enable port 33

Reserved
Virtual Address Table

02

IFM

05

04

Cross
Point
Switch

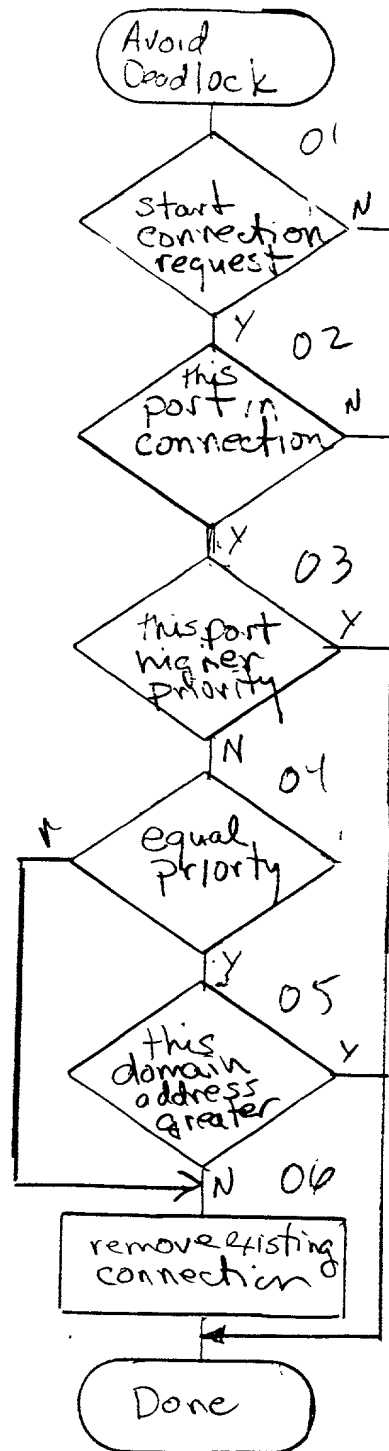
32

33

07

IFM Manager

Fig 15



when end-to-end
not established

Fig 17

1. The first part of the circuit is a preamplifier stage. It consists of a common-emitter BJT amplifier with a voltage divider bias network. The base is biased by a 10k resistor connected to a 10V supply and a 1k resistor connected to ground. The emitter is bypassed by a 100pF capacitor. The collector is connected to a 10k resistor and a 10V supply. The output of this stage is connected to the input of the second stage.

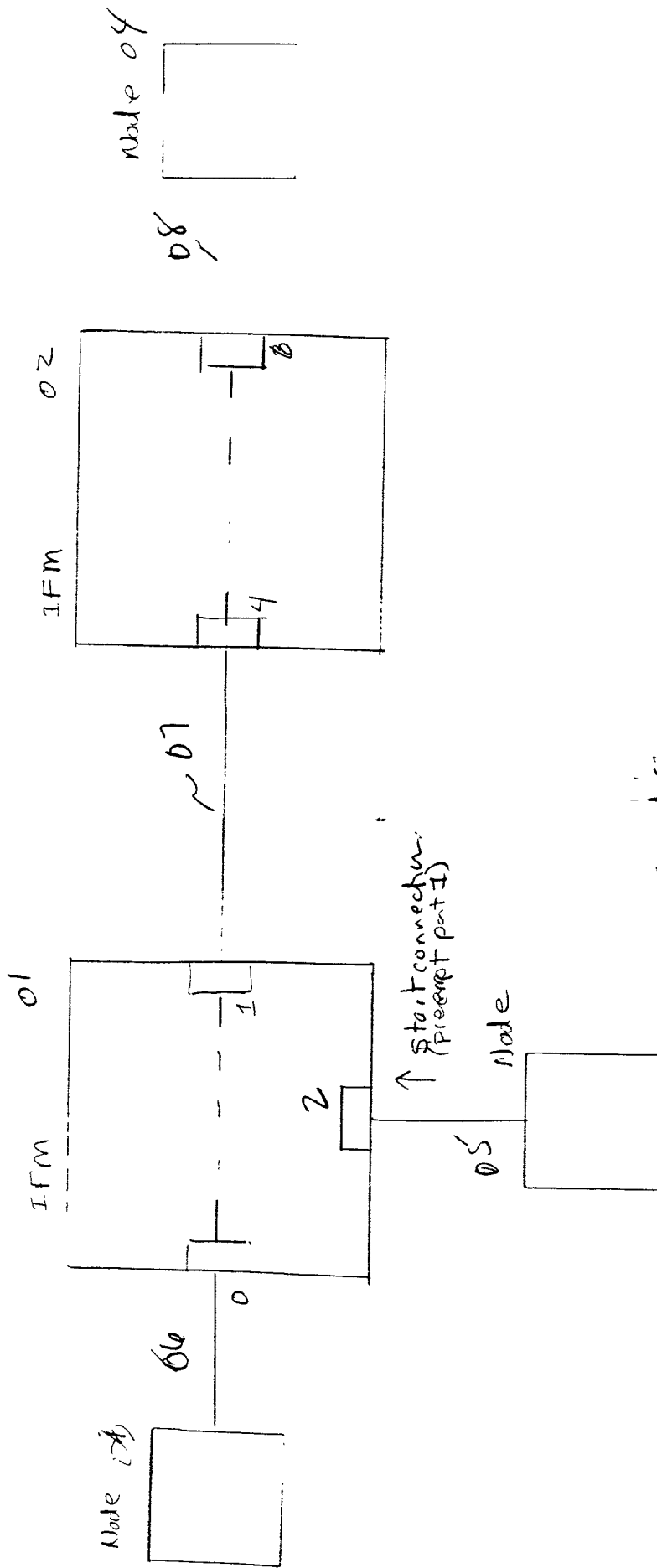


Fig 12

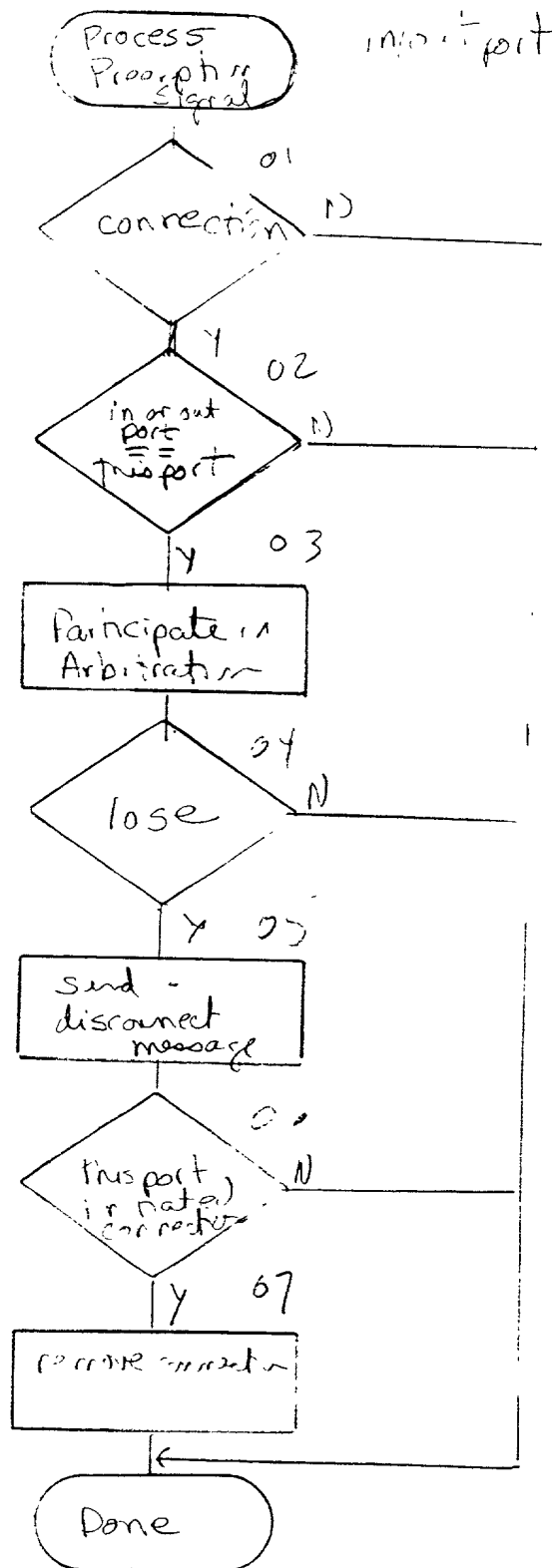


Fig. 19

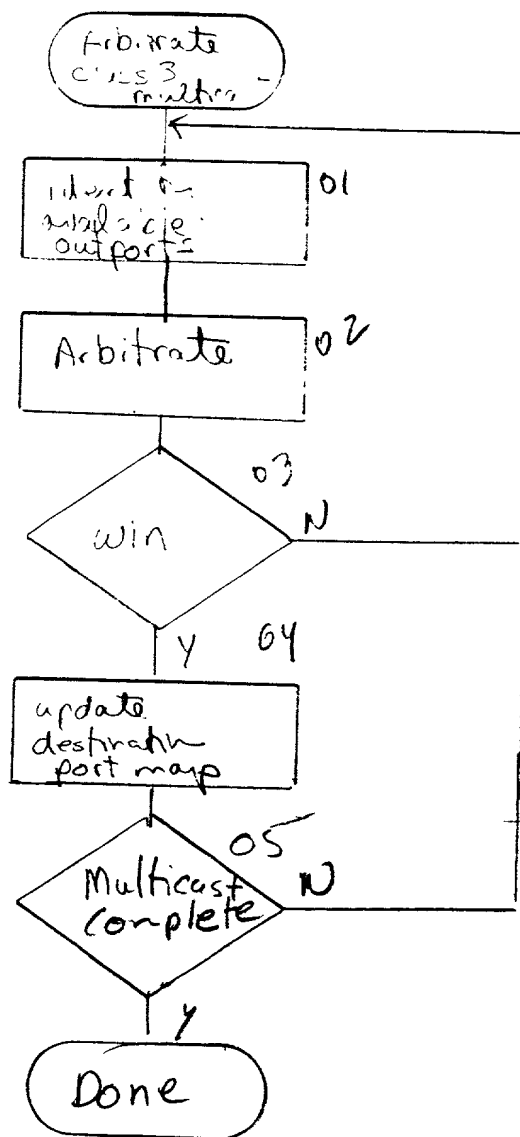


Figure 20